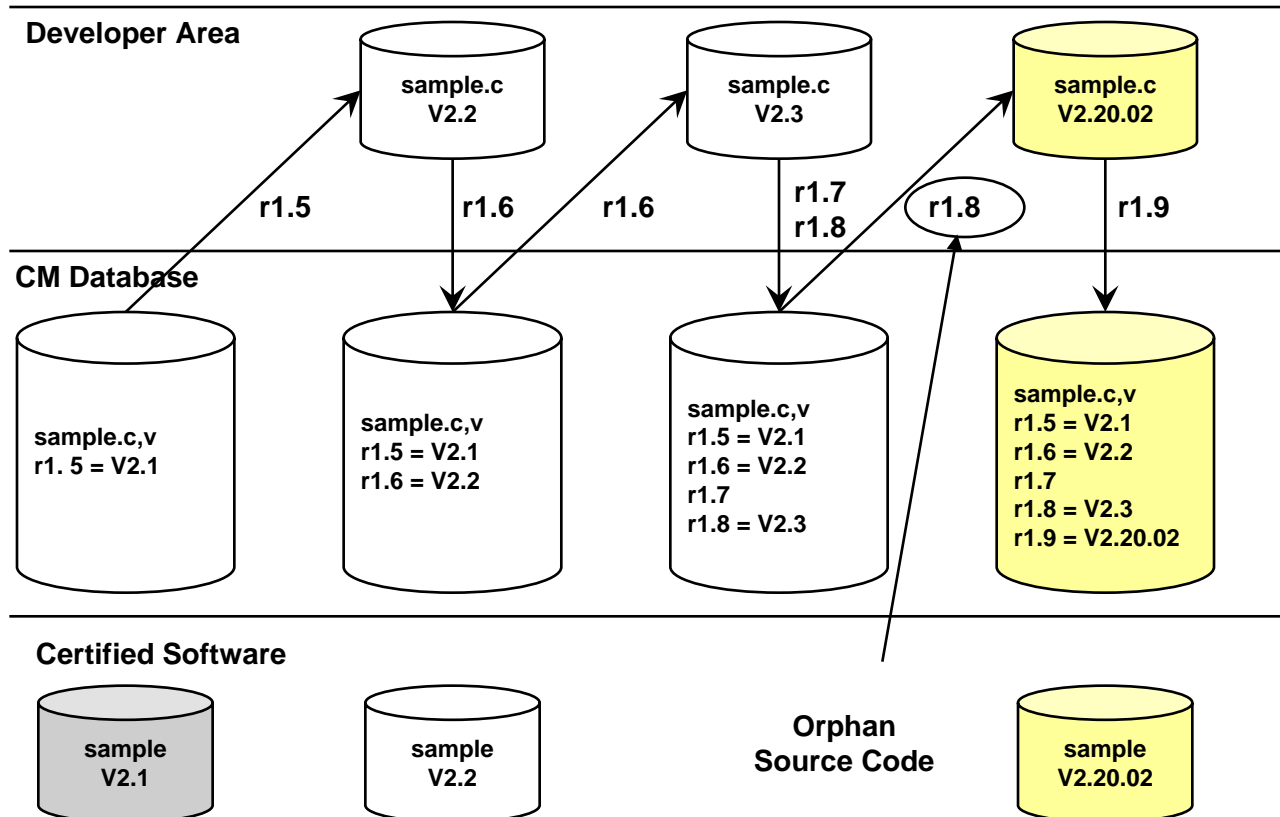


Non-Standard Open Work

- AR 072513 written against GNC imu_eigen_comp on 8/8
 - GNC IMU RF EIGEN COMP STATUS OUTPUTS WRONG
 - IMU Comm Fault Status not available to FC
- Traced to orphan source-code file used in Linux Rehost activity
 - CPR #3930 removed MSID V91M2252PX (IMU Comm Fault Status) in 2002
 - Project placed on hold by user – after S/W Hand-Over
 - Modified, uncertified source code sits on top of CM database as latest rev
- New version (3.20.00) to be certified for STS-125
 - Rebuilt new Linux version starting with DEC certified source-code file (r1.16)
 - Delivered to user testing on 8/20
 - Certification planned for 9/3, pending
- Rehost Integrity Check
 - All rehosted CIs were reviewed for traceability to certified DEC source-code
 - 361 UAD CIs 150 FDD MCC CIs
 - 248 FDD IPS CIs 11 RPF CIs

Orphan Source Code Propagation

Application Name: Sample



Summary Status by Division/Discipline

| Div | Disc | Findings | Cert Status | CM Status | Comments | |
|----------|---------------------------|----------|-------------|-----------|------------------------------|------|
| | | | | | Process | Test |
| DM (MCC) | All | None | OK | OK | Trap at SW Hand Over to CM | |
| DM (IPS) | All | None | OK | OK | | |
| DX (RPF) | All | None | OK | OK | Trap at Peer Code Review | |
| CB | CapCom | None | OK | OK | CSP CR req'd for orphan mgmt | |
| DAB | All Others | None | OK | OK | | |
| DD | All Others | None | OK | OK | | |
| DI | All | None | OK | OK | | |
| DO | All | None | OK | OK | | |
| DX (MCC) | All Others | None | OK | OK | | |
| SD | All | None | OK | OK | | |
| DS | All except as noted below | None | OK | OK | | |

Summary Status by Division/Discipline

| Div | Disc | Findings | Cert Status | CM Status | Comments | |
|--------------|----------|----------------|---|---|------------------------------|------|
| | | | | | Process | Test |
| DS | Booster | FSV | OK-Use As Is | need CPRs for rehost project to add orphan s/w to project | CSP CR req'd for orphan mgmt | |
| | DPS | ospl | OK - Use As Is | | | |
| | EEComm | ESP | OK - Use As Is | | | |
| | Prop | orcs | OK - Use As Is | | | |
| | | rscsjet | OK - Use As Is | | | |
| | | thermal client | OK - Use As Is | | | |
| | Socrates | ECLSS gui | OK - Use As Is | | | |
| | | EPRAM gui | OK - Use As Is | | | |
| | GNC | imu_eigen_comp | pending recert 9/3 | | | |
| | | refsload | add'l cert testing/tester req'd (D. Wilson) | | | |
| star_id_comp | | | | | | |